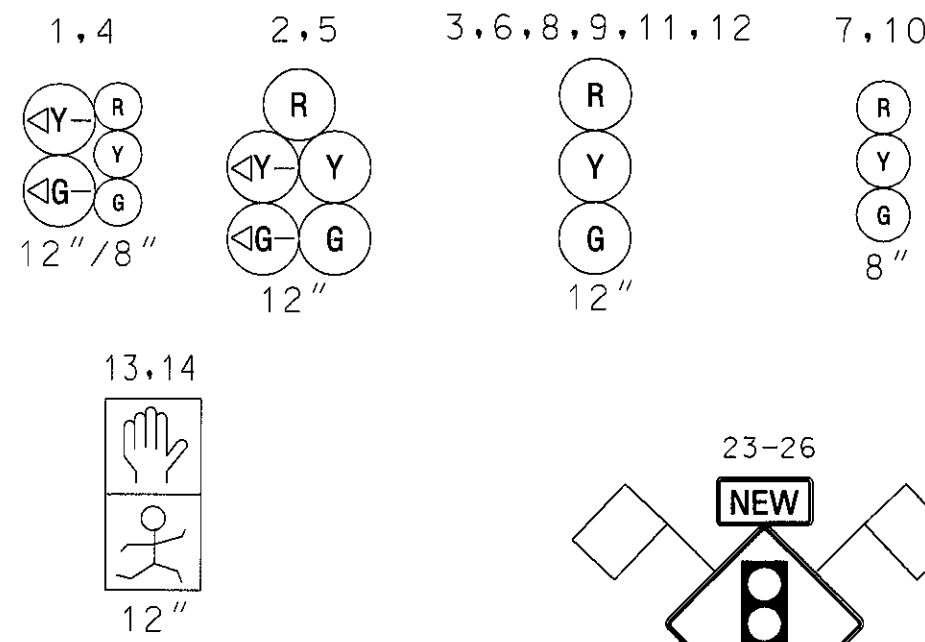


MD 214 IS ASSUMED TO RUN
IN AN EAST-WEST DIRECTION

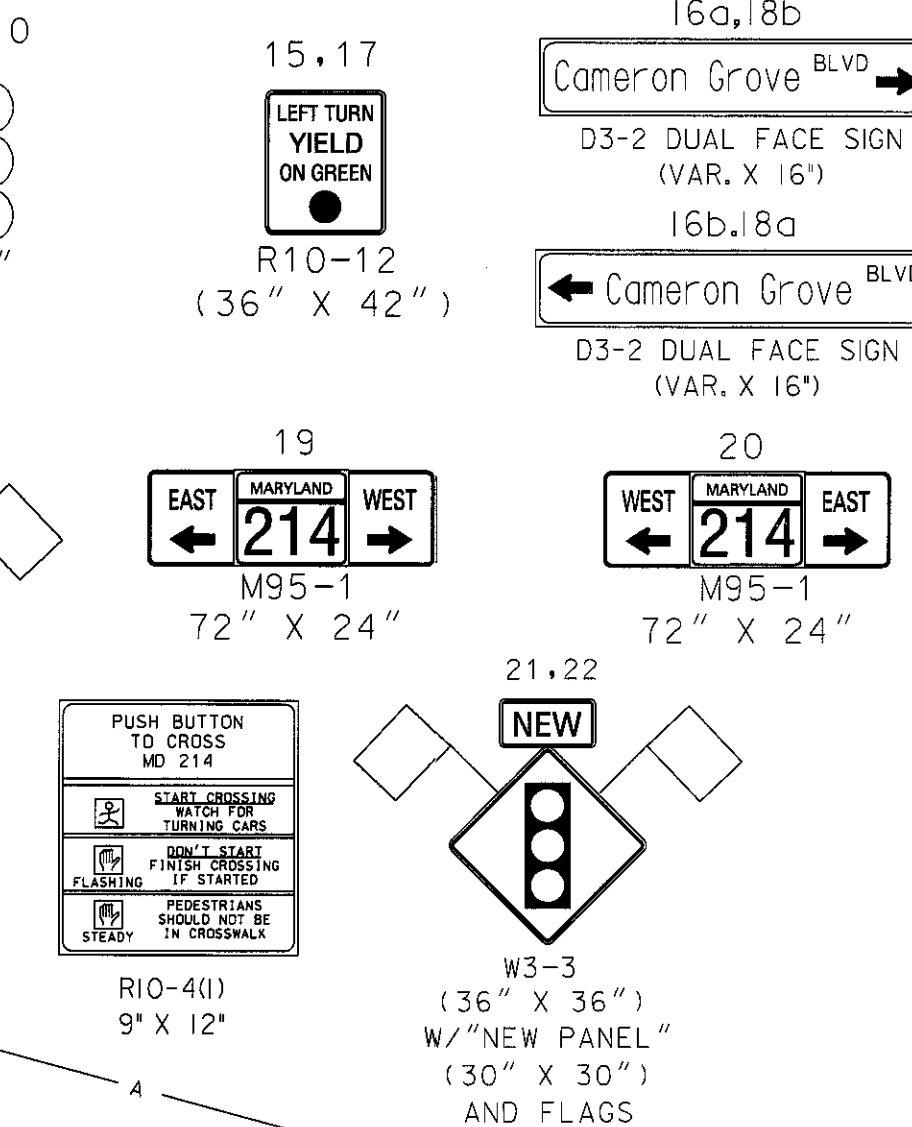
CONSTRUCTION DETAILS

- INSTALL 27 FT. MAST ARM POLE WITH TWIN 50 FT./70 FT. MAST ARMS WITH SIGNAL HEADS, SIGNS, 15 FT. STREET LIGHTING ARM, AND 250 WATT HPSV LUMINAIRE, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON, AND R10-4 SIGN (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND)
- INSTALL 27 FT. MAST ARM POLE WITH 60 FT. MAST ARM, SIGNAL HEADS, SIGN, PEDESTRIAN SIGNAL HEAD, PUSHBUTTON, AND R10-4 SIGN (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND) CUT MAST ARM TO 55 FT. IN LENGTH
- INSTALL 27 FT. MAST ARM POLE WITH 60 FT. MAST ARM, SIGNAL HEADS, SIGNS, 15 FT. STREET LIGHTING ARM, AND 250 WATT HPSV LUMINAIRE (NOTE: 1-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND)
- INSTALL BASE MOUNTED CABINET AND CONTROLLER WITH ALL THE NECESSARY EQUIPMENT (NOTE: 2-4 IN. AND 2-2 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BENDS)
- INSTALL ELECTRICAL HANDHOLE
- INSTALL 1 IN. LIQUID TIGHT, FLEXIBLE, NON-METALLIC CONDUIT DETECTOR WIRE SLEEVE
- INSTALL 6 FT. X 30 FT. QUADRUPOLE TYPE LOOP DETECTOR ENCASED IN 1/4 IN. FLEXIBLE TUBING (3-6-3 WINDING)
- INSTALL MICRO-LOOP PROBE WITH 1000 FT. LEAD-IN
- INSTALL 1 IN. GALVANIZED DETECTOR WIRE SLEEVE
- INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - BORED
- INSTALL 3 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
- PROPOSED UNDERGROUND ELECTRIC SERVICE
- USE EXISTING HANDHOLE
- USE EXISTING CONDUIT
- INSTALL 24 IN. WHITE HEAT APPLIED PAVEMENT MARKING
- NOT USED
- INSTALL W3-3 SIGN WITH "NEW" PANEL ON 2-4 IN. X 6 IN. WOOD POSTS 600 FT. FROM INTERSECTION
- INSTALL 4 IN. SCHEDULE 80 RIGID ELECTRICAL PVC CONDUIT - TRENCHED
- INSTALL 12 IN. WHITE HEAT APPLIED PAVEMENT MARKING
- INSTALL S.H.A. STANDARD SIDEWALK RAMP
- INSTALL 15 FT. PEDESTAL POLE WITH SIGNAL HEAD PUSHBUTTON AND R10-4 SIGN (NOTE: INSTALL 1-3 IN. SCHEDULE 80, 90 DEGREE PVC CONDUIT BEND)

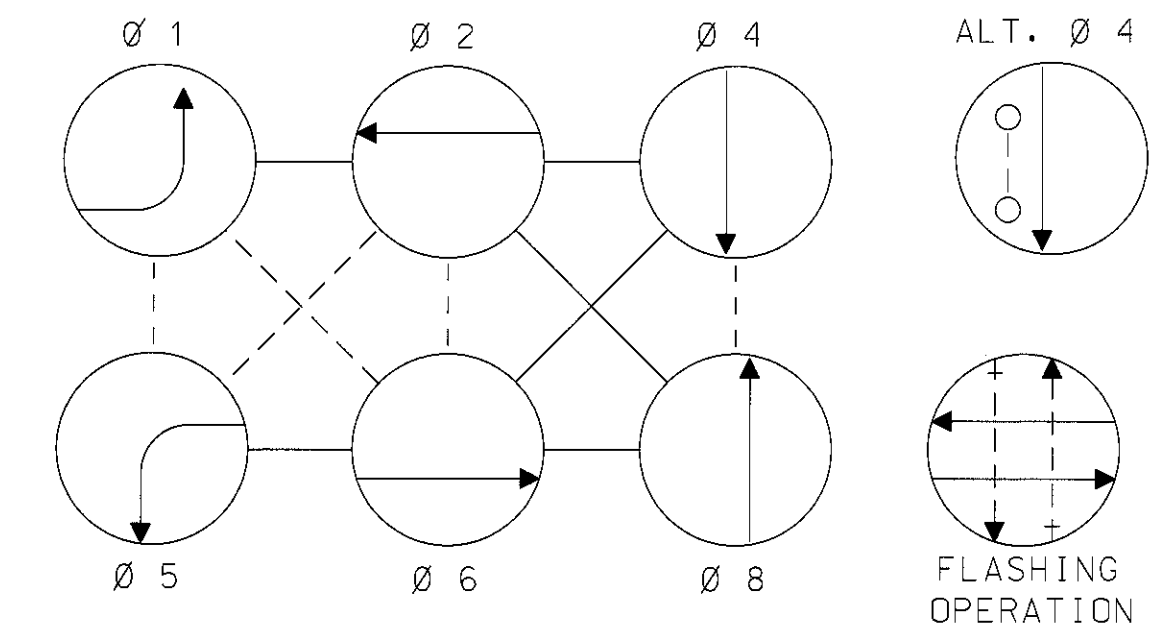
PROPOSED SIGNALS



PROPOSED SIGNS



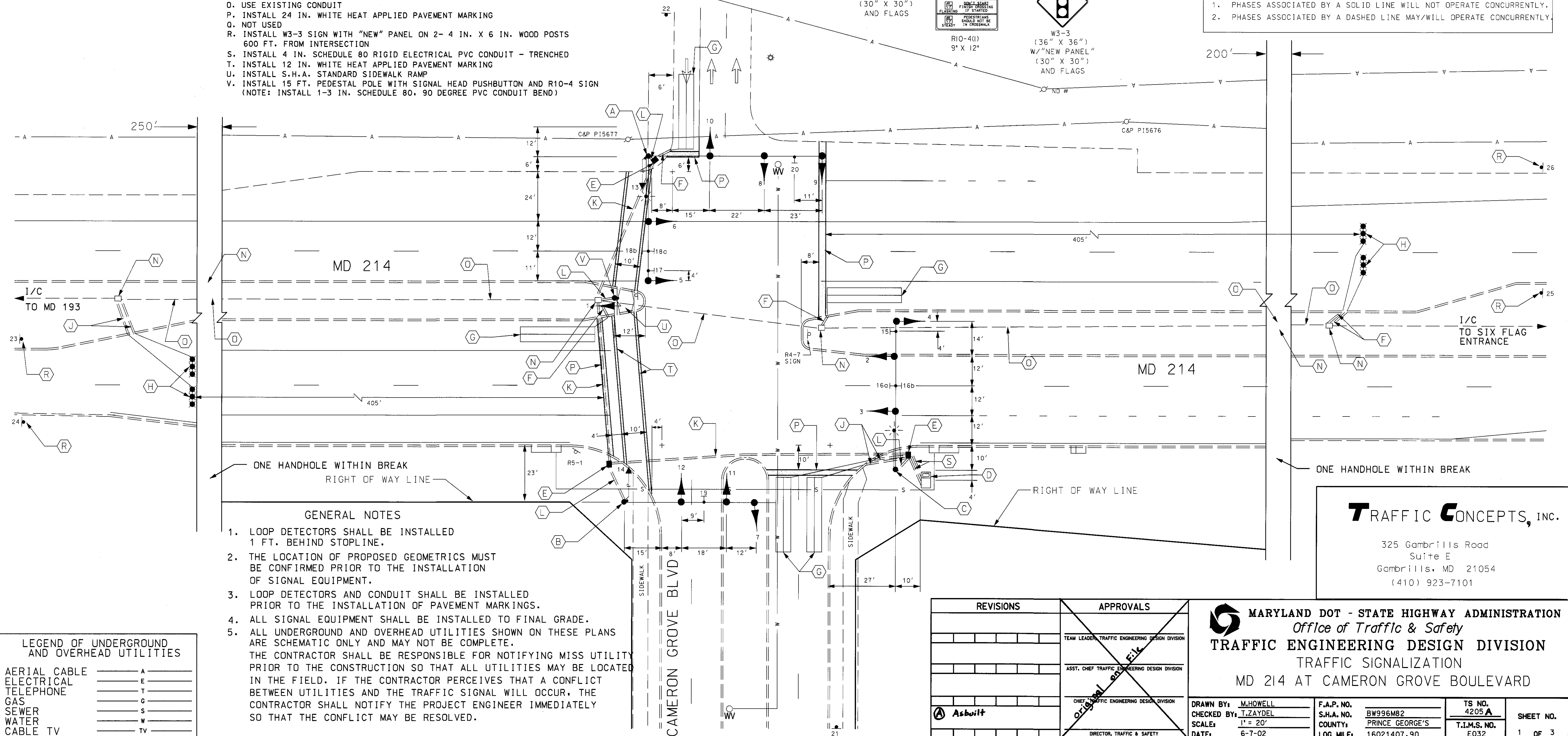
NEMA PHASING



PHASING NOTES:

- PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
- PHASES ASSOCIATED BY A DASHED LINE MAY/WILL OPERATE CONCURRENTLY.

SIX FLAGS ENTRANCE



GENERAL NOTES

- LOOP DETECTORS SHALL BE INSTALLED 1 FT. BEHIND STOPLINE.
- THE LOCATION OF PROPOSED GEOMETRICS MUST BE CONFIRMED PRIOR TO THE INSTALLATION OF SIGNAL EQUIPMENT.
- LOOP DETECTORS AND CONDUIT SHALL BE INSTALLED PRIOR TO THE INSTALLATION OF PAVEMENT MARKINGS.
- ALL SIGNAL EQUIPMENT SHALL BE INSTALLED TO FINAL GRADE.
- ALL UNDERGROUND AND OVERHEAD UTILITIES SHOWN ON THESE PLANS ARE SCHEMATIC ONLY AND MAY NOT BE COMPLETE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING MISS UTILITY PRIOR TO THE CONSTRUCTION SO THAT ALL UTILITIES MAY BE LOCATED IN THE FIELD. IF THE CONTRACTOR PERCEIVES THAT A CONFLICT BETWEEN UTILITIES AND THE TRAFFIC SIGNAL WILL OCCUR, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER IMMEDIATELY SO THAT THE CONFLICT MAY BE RESOLVED.

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES

AERIAL CABLE	A
ELECTRICAL	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

TRAFFIC CONCEPTS, INC.

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Suite E
Gambrills, MD 21054
(410) 923-7101



MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
TRAFFIC SIGNALIZATION
MD 214 AT CAMERON GROVE BOULEVARD

REVISIONS	APPROVALS
	TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
	ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR, TRAFFIC & SAFETY

DRAWN BY: M.HOWELL	F.A.P. NO. BW996M82	TS NO. 4205A	SHEET NO. 1 OF 3
CHECKED BY: J.ZAYDEL	S.H.A. NO. PRINCE GEORGE'S	T.I.M.S. NO. E032	
SCALE: 1" = 20'	LOG MILE: 16021407.90		
DATE: 6-7-02			